

# SEW

## POWER METER



*Monitor the efficiency of your appliances and equipment, and reduce your power bill with the new power meter 2015 PM.*

The advantages of 2015 PM :

- Determine the running cost of your appliances.
- Measure voltage, current, frequency, watt, power factor, and greenhouse gas emissions.
- Log and Recall function.
- Enable users to read the data in memory directly on the meter without connecting to a PC.
- Optical USB to RS-232 data transmission.
- 2 Optical LEDs are built-in for data transfer.
- Transferring and showing real-time data to a PC.
- Make informed decisions when purchasing appliances and equipment.
- Reduce your electricity bill.
- Calculate electrical expenses by real, hour, month.
- Data communication function.
- Freely set upper and lower limit for V, A, W and alarm when measured value is out of limit.
- Backlight function.
- Safety Standard :  
IEC/EN 61010-1 CAT III 600V  
EN 61326-1

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Model  
**2015 PM**

## SPECIFICATIONS

Item	Range	Resolution	Accuracy
AC voltage	600 V	0.1V	$\pm 1\% \pm 5\text{dgt}$
AC current	1000 A	0.1A	$\pm 1.5\% \pm 5\text{dgt}$ (>10A)
Power	0-9999 kW		$\pm 2.5\% \pm 5\text{dgt}$
Apparent power	0-9999 kVA		$\pm 2.5\% \pm 5\text{dgt}$
Power factor	0.001-1	0.001	
Frequency	45-65 Hz	0.1	$\pm 0.5\% \pm 5\text{dgt}$
Cost	9999 \$		
Energy	9999 kWh		
Gas	9999 kg		
Cost setting	0-9999 kWh		
Gas setting	0-9999 kg / kWh		

## Data Communication Function

- Downloading saved data to a PC.
- Transferring and showing real-time data to a PC.
- 2000 measurement records can be saved in the memory and can be recalled on the display.
- Transmission protocols can be confirmed from a hyper terminal.

No.	Time	Voltage	Current	Active Power	Apparent Power	Power Factor	Frequency	Real Power	Cost	Error
142	2012/10/10 09:20:00	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
143	2012/10/10 09:20:01	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
144	2012/10/10 09:20:02	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
145	2012/10/10 09:20:03	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
146	2012/10/10 09:20:04	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
147	2012/10/10 09:20:05	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
148	2012/10/10 09:20:06	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
149	2012/10/10 09:20:07	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
150	2012/10/10 09:20:08	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
151	2012/10/10 09:20:09	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
152	2012/10/10 09:20:10	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
153	2012/10/10 09:20:11	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
154	2012/10/10 09:20:12	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
155	2012/10/10 09:20:13	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
156	2012/10/10 09:20:14	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
157	2012/10/10 09:20:15	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
158	2012/10/10 09:20:16	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
159	2012/10/10 09:20:17	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
160	2012/10/10 09:20:18	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
161	2012/10/10 09:20:19	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
162	2012/10/10 09:20:20	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
163	2012/10/10 09:20:21	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000
164	2012/10/10 09:20:22	200.0	20.0	100.0	100.0	1.000	50.0	100.0	0.000	0.000

